

ORIGINAL TO GENERAL FILE

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(93) Chattooga-Walker Counties OFFICE Preconstruction  
P.I. No. 621610 DATE February 12, 1993

FROM *C. Wayne Hutto*  
C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/se

Attachment

## DISTRIBUTION:

John Lively  
Robert E. Humphrey  
David Studstill  
Herman Griffin  
Roland Hinnens  
Darrell Elwell  
George Boulineau  
Marion Waters  
Charles Law

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(93) Chattooga-Walker Counties OFFICE Preconstruction  
P.I. No. 621610 DATE February 2, 1993

FROM Hoyt W. Lively, Director of Preconstruction

TO Wayne Shackelford, Commissioner

### SUBJECT PROJECT CONCEPT REPORT

This project is the widening and reconstruction of SR 1/US 27 from Center Avenue (CR 331) in Trion - Chattooga County to the LaFayette Bypass in Walker County for a total of 11.70 miles. The existing roadway is 2 lanes rural section and 4 lanes with curb and gutter in Lafayette south of the Lafayette Bypass. The existing major structures within the limits are: (1) a 480'x28' bridge over Chattooga River with a sufficiency rating of 78.90; (2) a 199'x27.8' bridge over Cane Creek with a sufficiency rating of 58.40; (3) a double + triple 10'x10' culvert at Chappel Creek; (4) a double 8'x6' culvert at Spring Branch; (5) a double 8'x8' culvert at Rocky Branch; (5) a double + double 10'x8' culvert at Dry Creek. The posted speed is 45 and 55 MPH and the design speed is 55 MPH. The base year traffic (1997) is 5,900 to 12,600 VPD and the design year traffic (2017) is 8,500 to 18,900 VPD.

The proposed widening will consist of 2-12' lanes in each direction with a 14' flush median from the existing 5 lanes at Center Avenue (CR 331) to 0.3 miles south of Mountain View Road (CR 325) and from Coffman Springs Road (CR 44) to the Lafayette Bypass which has 5 existing lanes. From 0.3 miles south of Mountain View Road (CR 325) to Coffman Springs Road (CR 44) the proposed roadway will be 2-12' lanes in each direction divided by a 44' median. The bridge over Chattooga River will be widened to 480'x82' and the bridge over Cane Creek will be widened to 199'x38'. A new parallel bridge 199'x38' will be constructed over Cane Creek. The culverts at Chappel Creek, Spring Branch, Rocky Branch and Dry Creek will be extended to accommodate the proposed roadway section. SR 1/US 27 will be reconstructed for 3.5 miles to improve vertical alignment. In addition, two county road intersections will be relocated for improved operations and safety. Traffic will be maintained on the existing roadway except North of SR 337 where detours may be required during reconstruction.

The environmental concerns include requiring a COE 404 permit; an EA will be prepared; 18 displacements - 8 residential; 7 commercial; 1 church, 2 mobile homes; a public hearing will be offered; time saving procedures are not appropriate.

Wayne Shackelford  
Page 2  
February 2, 1993

EDS-27(93) Chattooga-Walker Counties

The estimated costs for this project are:

	Chattooga Cong. Dist. 7	Walker Cong. Dist. 9		
	<u>PROPOSED</u>		<u>APPROVED</u>	<u>PROG. DATE</u>
Constr(Infl&E/C)	\$15,187,303	\$8,919,527	\$11,000,000	1997
Rights-of-way	1,656,000	\$962,000	\$3,150,000	95-12
Utilities	*LGPA	*LGPA		


\*Chattooga and Walker Counties signed LGPA for utilities 4-92.

This project is in the STIP and is part of the Governor's Road Improvement Program. I recommend this project be approved with the new limits extended to begin at Center Avenue (CR 331) which adds on addition 1.2 miles to the original project.

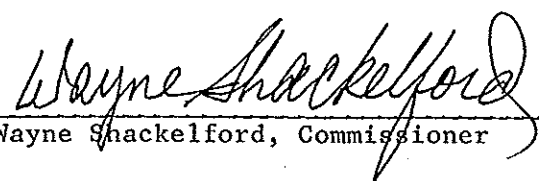
HJL/TMR/se

Attachment

CONCUR:

  
G. C. Lewis, State Highway Engineer

APPROVED:

  
Wayne Shackelford, Commissioner

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

RECEIVED

OCT 27 1992

## INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27 (93) Chattooga - Walker OFFICE Atlanta, Georgia  
P.I. No. 621610 Counties  
US 27 Widening 11.7 Miles DATE October 26, 1992

FROM Robert E. Humphrey, Project Review Engineer *REHcom*

TO Hoyt J. Lively, Jr., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for this Minor project.

We have received signed cover sheets from the following offices:

Traffic and Safety

District Engineer

Preconstruction - comment

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$19,921,000
Inflation (5% per year) x 2 yrs.	1,992,100
E & C (10%)	2,191,310
Preliminary Engineering (5%)	996,050
Right of Way	2,618,000
Utilities	2,677,000

BDM/jmf

Attachments

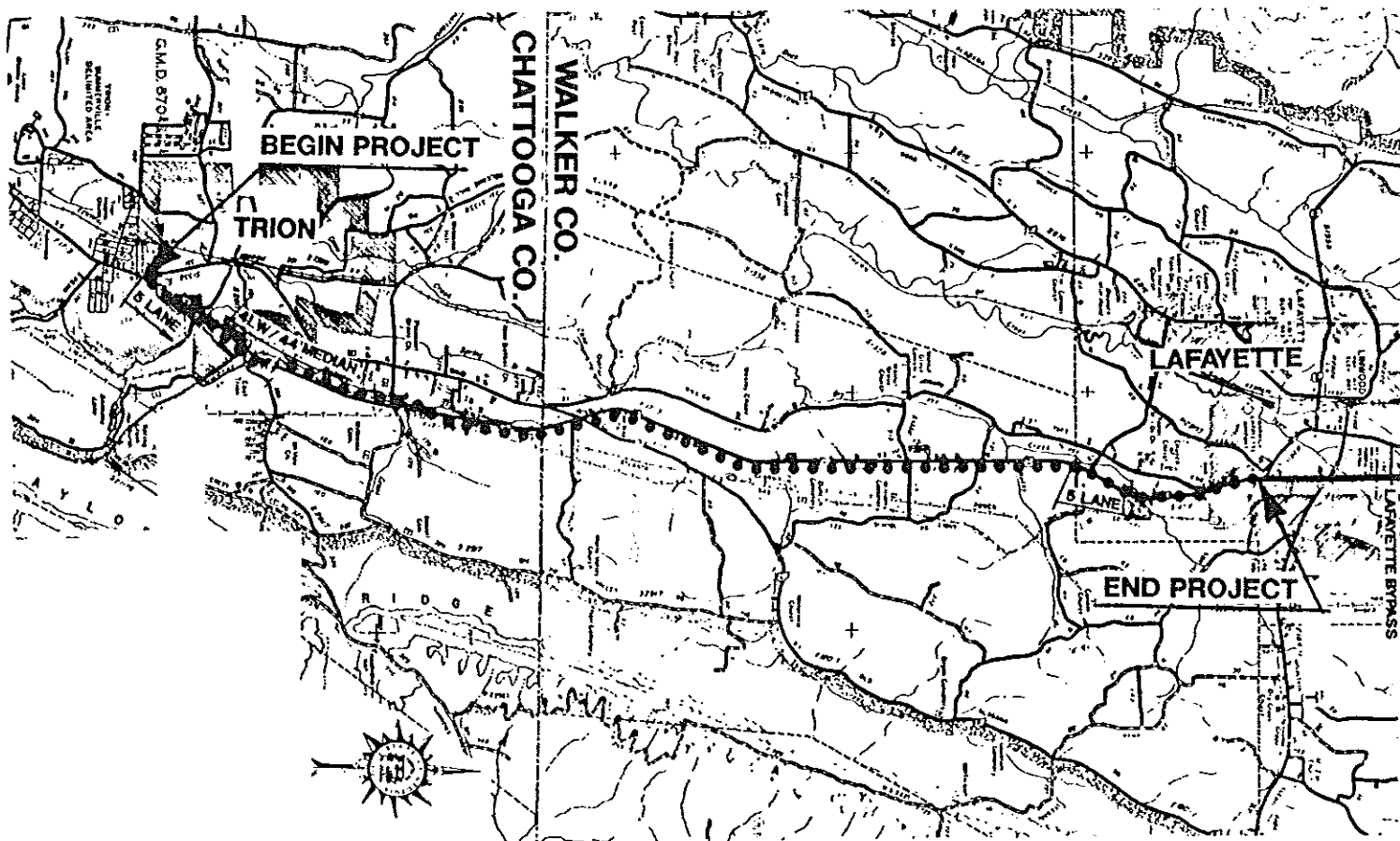
c: David Studstill

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT



Project Number: EDS-27(93)  
County: CHATTOOGA/WALKER  
P.I. Number: 621610  
Federal Route Number: F-17-3  
State Route Number: 1



RECOMMENDATION FOR APPROVAL:

8/26/92  
DATE

*022 Hittell*  
STATE ENVIRONMENTAL/LOCATION ENGINEER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
STATE ROAD AND AIRPORT DESIGN ENGINEER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
STATE TRAFFIC AND SAFETY ENGINEER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DISTRICT ENGINEER / CARTERSVILLE

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(93), Chattooga/Walker Cos. OFFICE Environment/Location  
P.I. No. 621610 DATE September 4, 1992

FROM *DES JDQ* David E. Studstill, P.E., State Environmental/Location Engineer

TO Robert Humphrey, Project Review Engineer

SUBJECT Concept Report - U.S. 27/S.R. 1 Improvements

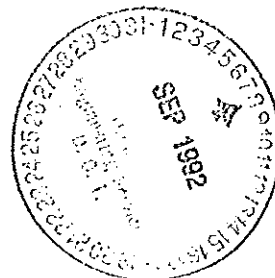
In accordance with the plan development process, the report for the above project is attached for your review and processing.

DES/JDQ

Attachment

cc: Wayne Hutto  
Roland Hanners  
Ronald Colvin  
Paul Liles  
Felton Rutledge, District Engineer/Cartersville

1983



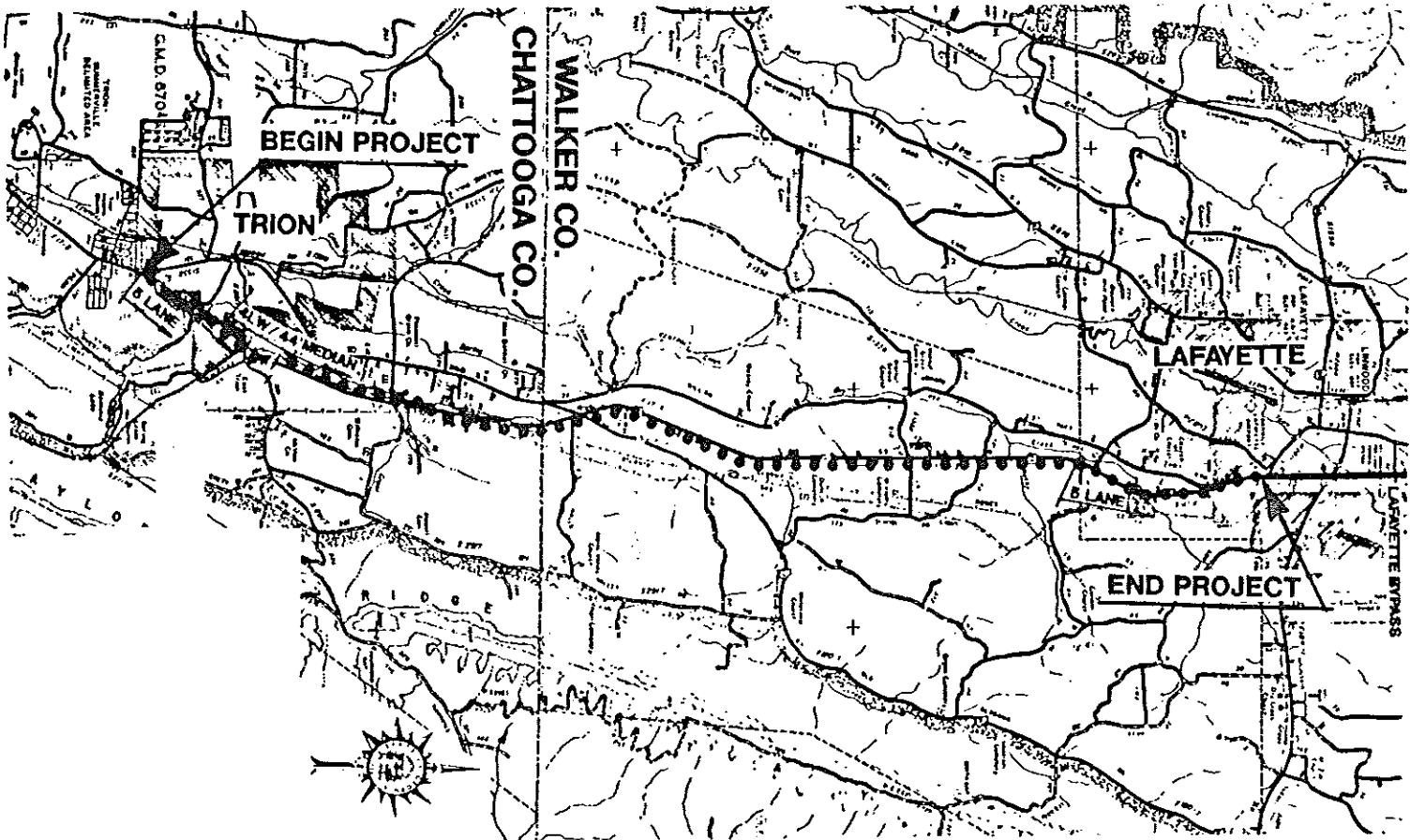
EDS-27(93), Chattooga/Walker Counties  
U.S. 27/S.R. 1 Improvements  
P.I. No. 621610

Project EDS-27(93), Chattooga/Walker Counties would consist of the widening and reconstruction of U.S. 27/S.R. 1 from the existing five-lane section at C.R. 331/Center Avenue in Trion to the LaFayette Bypass for a distance of 11.70 miles.

The existing two-lane roadway would be widened to a rural five-lane facility, two 12-foot lanes in each direction with a 14-foot wide flush median from C.R. 331/Center Avenue to 0.3 mile south of C.R. 325/Mountain View Road and from C.R. 44/Coffman Springs Road to the LaFayette Bypass (existing five-lane rural facility). A rural four-lane divided section, two 12-foot lanes in each direction with a 44-foot wide grassed median is proposed from 0.3 mile south of C.R. 325/Mountain View Road to C.R. 44/Coffman Springs Road. From C.R. 331/Center Avenue in Trion, the widening of U.S. 27/S.R. 1 would be symmetrical to 0.3 mile south of C.R. 325/Mountain View road. The widening would then shift to the east and continue to C.R. 325. From there, the widening would shift to the west and continue to a point 0.2 mile north of C.R. 1. The widening would then shift back to the east and continue to C.R. 44/Coffman Springs Road. From C.R. 44/Coffman Springs Road, the widening would be symmetrical to 0.2 mile north of Moore Avenue in LaFayette. From there, the widening would then shift to the east side and continue to the LaFayette Bypass. The intersection of Alabama Road/S.R. 151 would be relocated to intersect U.S. 27/S.R. 1 250 feet  $\pm$  north of its present location. C.R. 48/Lee School Rd east of U.S. 27/S.R.1 would be relocated 400 feet  $\pm$  north of its present location to intersect with U.S. 27/S.R. 1 and C.R. 48/Lee School Road west of U.S. 27/S.R. 1. A new bridge parallel to the existing bridge would be constructed over Cane Creek and the existing bridge over Cane Creek would be widened to 38 feet. The existing bridge over the Chattooga River would be widened to 82 feet. The existing culverts along U.S. 27/S.R. 1 would be lengthened to accommodate the widened section.

# PROJECT CONCEPT REPORT

Project Number:	EDS-27 (93)
County:	CHATTOOGA/WALKER
P.I. Number:	621610
Federal Route Number:	F-17-3
State Route Number:	1



## RECOMMENDATION FOR APPROVAL:

DATE 8/26/92

DATE \_\_\_\_\_

DATE \_\_\_\_\_

DATE  
9-14-92  
DATE

O. E. Hittell  
STATE ENVIRONMENTAL/LOCATION ENGINEER

STATE ROAD AND AIRPORT DESIGN ENGINEER

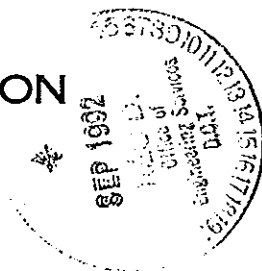
STATE TRAFFIC AND SAFETY ENGINEER

STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER  
*John D. R. Lee*  
 DISTRICT ENGINEER / CARTERSVILLE



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE



FILE EDS-27(93) CHATTOOGA/WALKER COS. OFFICE Cartersville  
P.I. No. 621610 DATE September 22, 1992

FROM Felton D. Rutledge, District Engineer

TO Robert Humphrey, Project Review Engineer

SUBJECT CONCEPT REPORT APPROVAL

Attached is the approval sheet for the Concept Report on the above file project for your further handling.

If we may be of further assistance, please advise.

*William H. McVey*  
William H. McVey  
Preconstruction Engineer  
District Six

FDR:WHM:djd

Attachment

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(93) Chattooga-Walker Counties OFFICE Preconstruction  
P.I. No. 621610 DATE September 25, 1992

FROM C. Wayne Hutto, Assistant Director of Preconstruction *M*

TO David Studstill, State Environmental/Location Engineer

SUBJECT CONCEPT REPORT

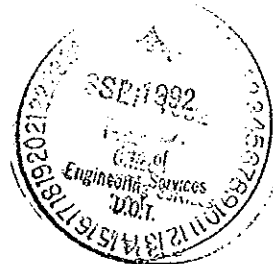
The concept report for this project has been reviewed and is considered to be satisfactory except as noted below:

The shoulders on EDS & GRIP projects with divided medians are as follows:

6' inside (2' paved)  
10' outside (4' paved)

CWH/TMR/se

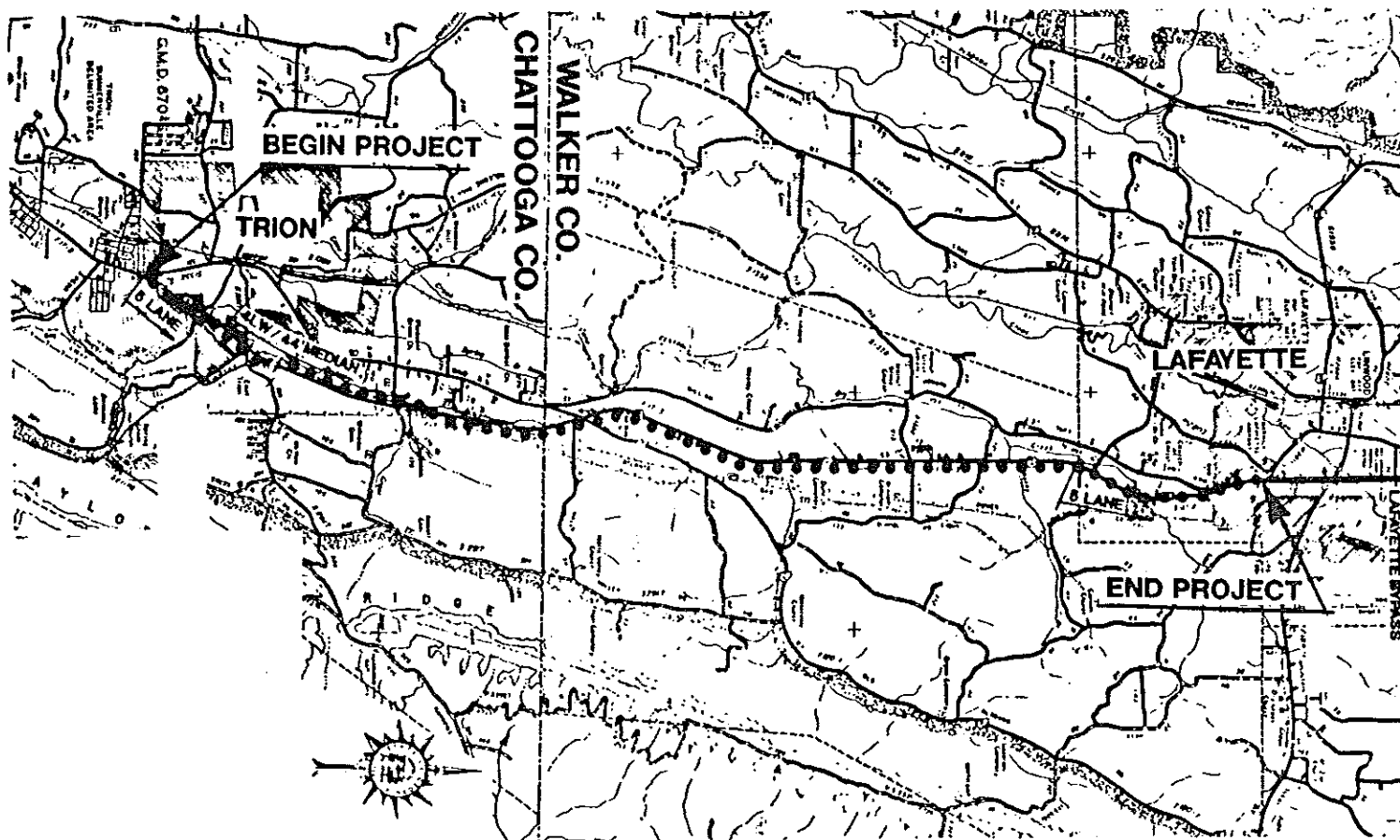
cc: Robert E. Humphrey



OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

Project Number: EDS-27(93)  
County: CHATTOOGA/WALKER  
P.I. Number: 621610  
Federal Route Number: F-17-3  
State Route Number: 1



RECOMMENDATION FOR APPROVAL:

8/26/92  
DATE

\_\_\_\_\_  
DATE  
9-15-92  
DATE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE

*[Signature]*  
STATE ENVIRONMENTAL/LOCATION ENGINEER

\_\_\_\_\_  
STATE ROAD AND AIRPORT DESIGN ENGINEER  
*[Signature]*  
STATE TRAFFIC AND SAFETY ENGINEER

\_\_\_\_\_  
STATE BRIDGE AND STRUCTURAL DESIGN ENGINEER

\_\_\_\_\_  
DISTRICT ENGINEER / CARTERSVILLE

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE Project No. EDS-27 (93)  
Chattooga/Walker Counties  
P.I. No. 621610

OFFICE Atlanta, GA

DATE September 14, 1992

FROM *John* John Colvin, P.E., State Traffic & Safety Engineer

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT Project Concept Report Review

We have reviewed the concept report on the above project for widening and reconstruction of US 27/SR 1 from the existing five lane section at CR 331/Center Avenue in Trion to the existing Lafayette Bypass for a distance of 11.70 miles. The design speed is 55 MPH.

The existing US/27/SR 1 two lane roadway would be widened to a rural five lane facility, two 12 ft. lanes in each direction, with a 14 ft. center turn lane from CR 331/Center Avenue to 0.3 miles south of CR 325/Mountain View Road, and from CR 44/Coffman Springs Road to the Lafayette Bypass. A rural four lane divided facility, two 12 ft. lanes in each direction, with 44 ft. grassed median is proposed from 0/3 miles south of CR 325/Mountain View Road to CR 44/Coffman Springs Road.

The Alabama Road/SR 151 intersection would be relocated to intersect US 27/SR 1 approximately 250 ft. north of its present location. CR 48/Lee School Road (east of US 27/SR 1) would be relocated 400 ft. approximately north of its present location to intersect with US 27/SR 1 and CR 48/Lee School Road west of US 27/SR 1. 58

We believe the concept provides for safety and operational capacity. Therefore, approval is recommended.

RC:LEO:sm

Attachment (signature page)

cc: David E. Studstill, State Environmental/Location Engineer  
Felton Rutledge, District Engineer - Cartersville

PROJECT CONCEPT REPORT

DATE: AUGUST 21, 1992

PROJECT NUMBER: EDS-27 (93)

COUNTY: CHATTOOGA/WALKER

PROJECT NAME: U.S. 27/S.R. 1 IMPROVEMENTS

P.I. NUMBER: 621610 U.S. ROUTE NO: F-17-3 STATE ROUTE NO: 1

LOCATION

FROM C.R. 331/CENTER AVE. IN TRION TO THE LAFAYETTE BYPASS. LENGTH @ 11.70 MILES.

TRAFFIC

<u>CURRENT</u>		<u>PROJECTED</u>	
<u>YEAR</u>	<u>AADT</u>	<u>YEAR</u>	<u>AADT</u>
1997	5900 TO 12,600	2017	8500 TO 18,900

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

MAJOR PROJECT ON EXISTING LOCATION

RURAL ARTERIAL

EXISTING TYPICAL SECTION

2 LANE RURAL / 4 LANE URBAN IN LAFAYETTE

<u>POSTED SPEED</u>	<u>MAX EXIST DEGREE OF CURVE</u>	<u>MAX EXIST GRADE</u>
<u>45/55 MPH</u>	<u>3 - 00'</u>	<u>4.40 %</u>

EXISTING MAJOR STRUCTURES

<u>RANK</u>	<u>P. RTG</u>	<u>S. RTG</u>	<u>FEATURES INTERSECTED</u>	<u>LENGTH</u>	<u>WIDTH</u>
	00569	78.90	CHATTOOGA RIVER	480	28
	00836	58.40	CANE CREEK	199	27.8

PROJECT NEED: THE PURPOSE OF THIS PROJECT IS TO UPGRADE THE U.S. 27 CORRIDOR. THIS  
WOULD HAVE A POSITIVE INFLUENCE ON ECONOMIC DEVELOPMENT. THIS PROJECT IS PART OF THE  
GOVERNORS ROAD IMPROVEMENT PROGRAM (G.R.I.P.).

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-27(93), CHATTOOGA/WALKER

PROPOSED TYPICAL SECTION

5-LANE : FROM C.R. 331/CENTER AVE IN TRION TO 0.3 MILE SOUTH OF C.R. 325

FROM C.R. 44/COFFMAN SPRINGS RD. TO THE LAFAYETTE BYPASS

4 LANE W/44' MEDIAN : FROM 0.3 MILE SOUTH OF C.R. 325 TO C.R. 44/COFFMAN SPRINGS RD.

<u>DESIGN SPEED</u>	<u>MAX DEGREE OF CURVE</u>	<u>MAX GRADE</u>
<u>55 MPH</u>	<u>ALLOWABLE: 6 - 00'</u>	<u>ALLOWABLE: 4.5%</u>
	<u>PROPOSED: 3 - 00'</u>	<u>PROPOSED: 4.4%</u>

MAJOR STRUCTURES

WIDEN BRIDGE @ CHATTOOGA RIVER (480'X 82') AND CANE CREEK (199'X 38'); NEW PARALLEL  
BRIDGE OVER CANE CREEK (199'X 38'); LENGTHEN CULVERTS AT CHAPPEL CREEK (DBL TRP 10X10),  
SPRING BRANCH (DBL 8X6), ROCKY BRANCH (DBL 8X8), DRY CREEK (DBL DBL 10X8)

TYPE ACCESS: ACCESS CONTROLLED BY PERMIT

TRAFFIC CONTROL DURING CONSTRUCTION: TRAFFIC MAINTAINED ON EXISTING ROADS

ESTIMATED COST:

<u>CONSTRUCTION: \$ 19,428,000</u>	<u>RIGHT-OF-WAY: \$ 2,618,000</u>
<u>E&amp;C (10%): 1,943,000</u>	<u>ACQUIRED BY: DOT</u>
<u>INFLATION: 2,191,000</u>	<u>UTILITIES: \$ 2,677,000</u>
<u>2 YRS @ 5% PER YEAR</u>	<u>ADJUSTED BY: LGPA</u>

TOTAL CONST. COST: \$ 23,562,000

DISPLACEMENTS: 8 RESIDENTS, 7 COMMERICAL, 1 CHURCH, 2 M.H., 1 PROPANE GAS TANK, FENCING  
GAS PUMPS

LEVEL OF ENVIRONMENTAL ANALYSIS: ENVIRONMENTAL ASSESSMENT

LEVEL OF PUBLIC INVOLVEMENT: PUBLIC HEARING

TIME SAVING PROCEDURES APPROPRIATE: NO

DESIGN VARIATIONS REQUIRED: NONE REQUESTED BY ENVIRONMENTAL/LOCATION

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-27(93), CHATTOOGA/WALKER

OTHER PROJECTS IN AREA: EDS-27(95), CHATTOOGA CO. - PROPOSED SUMMERVILLE BYPASS

CONCEPT TEAM MEETING DATE: JULY 23,1992

LOCATION INSPECTION DATE: N/A

PERMITS REQUIRED ( COE, 404, etc.): COE 404, ( HYDRIC SOILS 3.60 ACRES )

UNDERGROUND STORAGE TANKS: U.S.T. INVESTIGATION REQUESTED

HAZARDOUS WASTE SITES: N/A

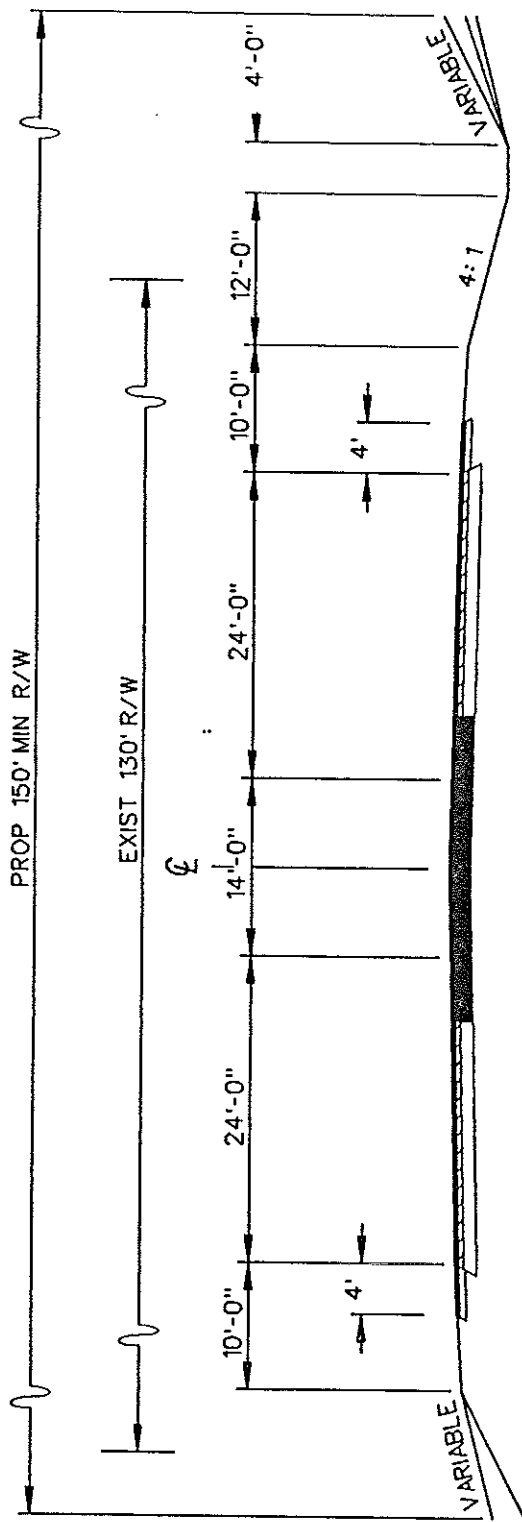
OTHER ALTERNATES CONSIDERED: N/A

COMMENTS: IT IS RECOMMENDED THAT THIS PROJECT BE EXTENDED FROM C.R. 325/MOUNTAIN VIEW RD  
TO C.R. 331/CENTER AVE IN TRION. THIS WOULD ALLOW FOR A CONTINUOUS MULTI-LANE SECTION  
FROM SUMMERVILLE TO CHICKAMAUGA.

ATTACHMENTS: COST ESTIMATE

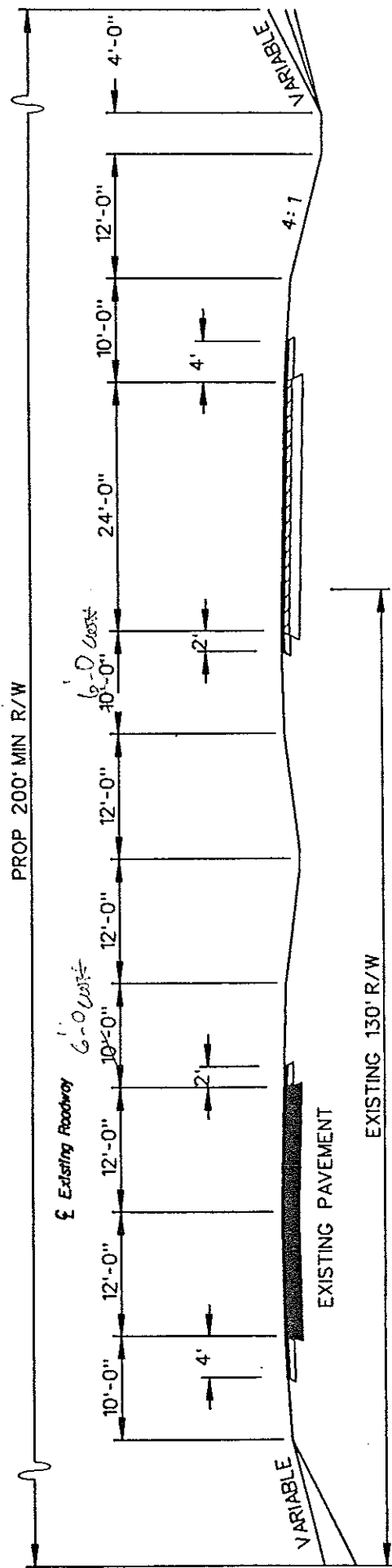
TYPICAL SECTIONS

TEAM MEETING MINUTES

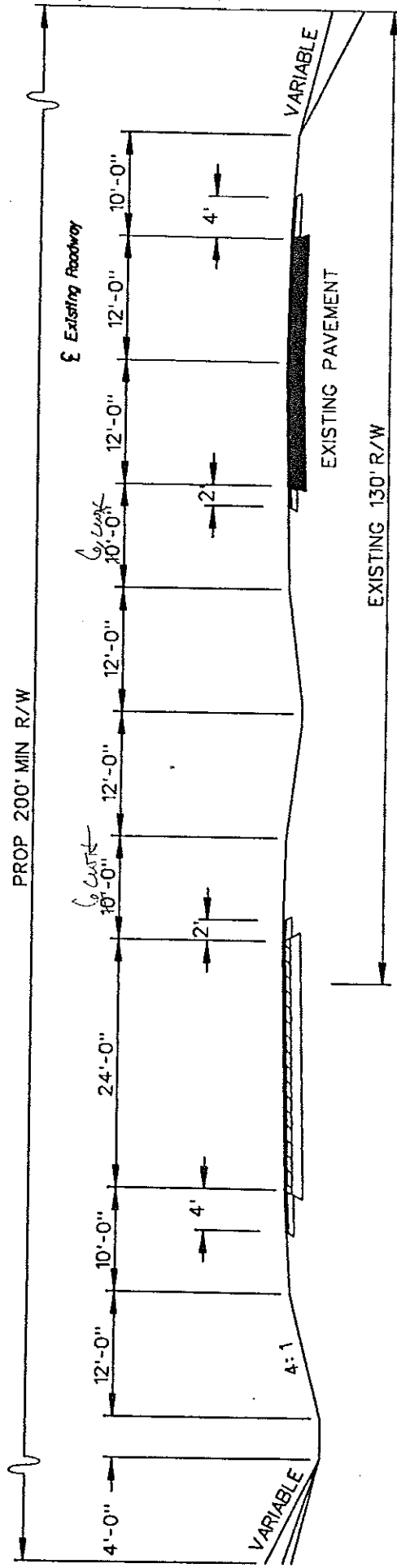


TYPICAL CROSS SECTION  
 EDS-27(93), CHATTOOGA / WALKER COUNTIES  
 FROM CR-331 / CENTER AVE IN TRION  
 TO 0.3 MILE SOUTH OF CR-325  
 NOT TO SCALE

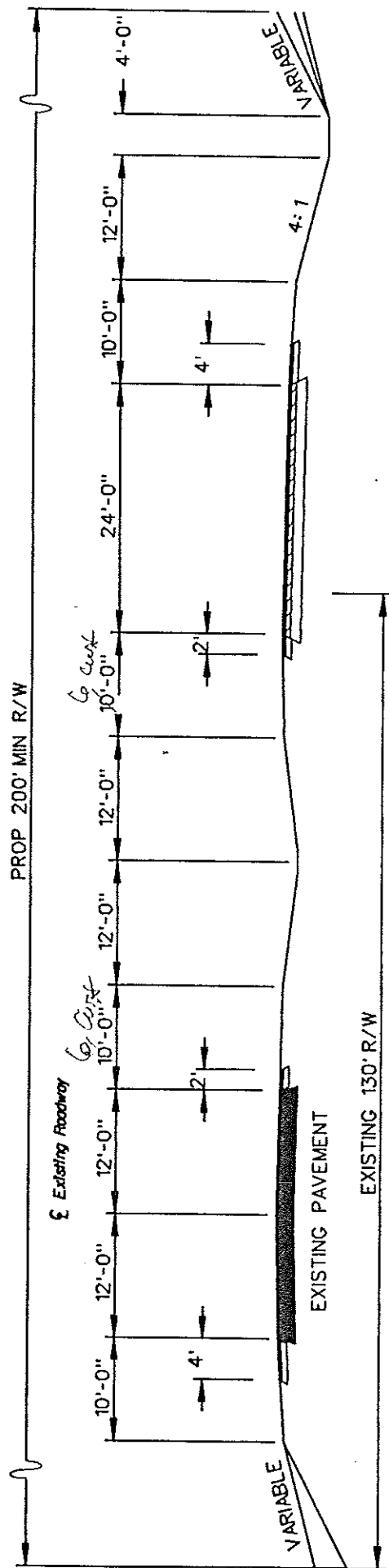




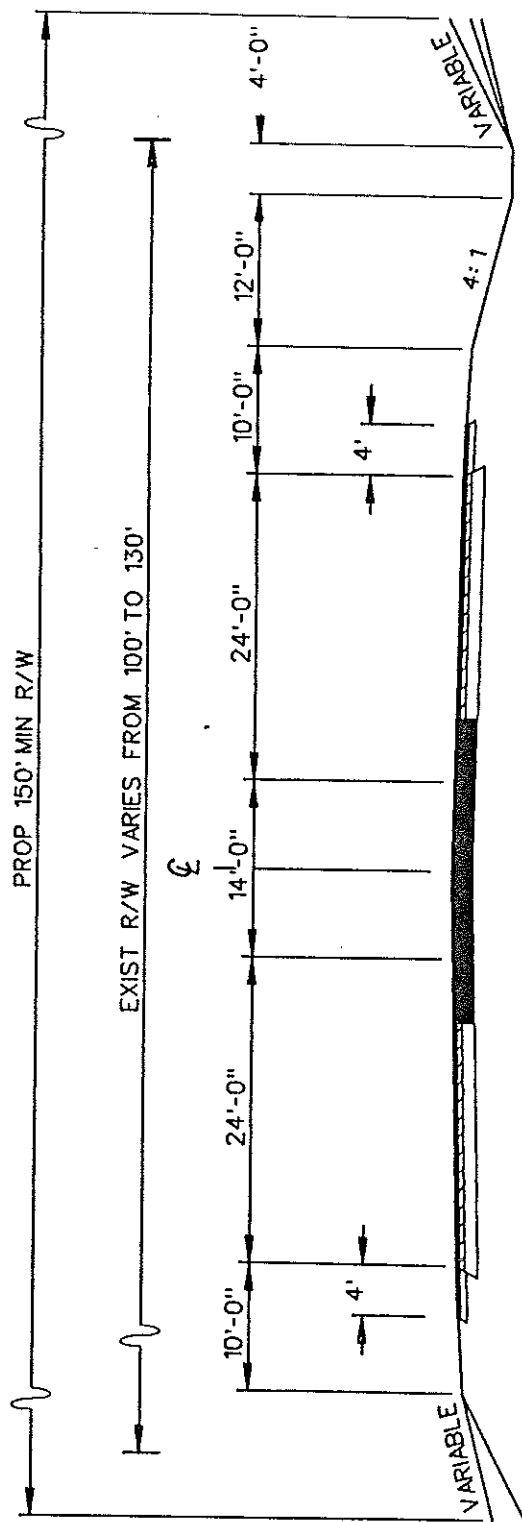
TYPICAL CROSS SECTION  
 EDS-27(93), CHATTOOGA / WALKER COUNTIES  
 FROM 0.3 MILE SOUTH OF CR-325  
 TO CR-325 / MOUNTAIN VIEW RD  
 NOT TO SCALE



TYPICAL CROSS SECTION  
 EDS-27(93), CHATTOOGA / WALKER COUNTIES  
 FROM CR-325 / MOUNTAIN VIEW RD  
 TO 0.2 MILE NORTH OF CR-1 / HALLS VALLEY RD  
 NOT TO SCALE



TYPICAL CROSS SECTION  
EDS-27(93), CHATTOOGA / WALKER COUNTIES  
FROM 0.2 MILE NORTH OF CR-1 / HALLS VALLEY RD  
TO CR-44 / COFFMAN SPRINGS RD  
NOT TO SCALE



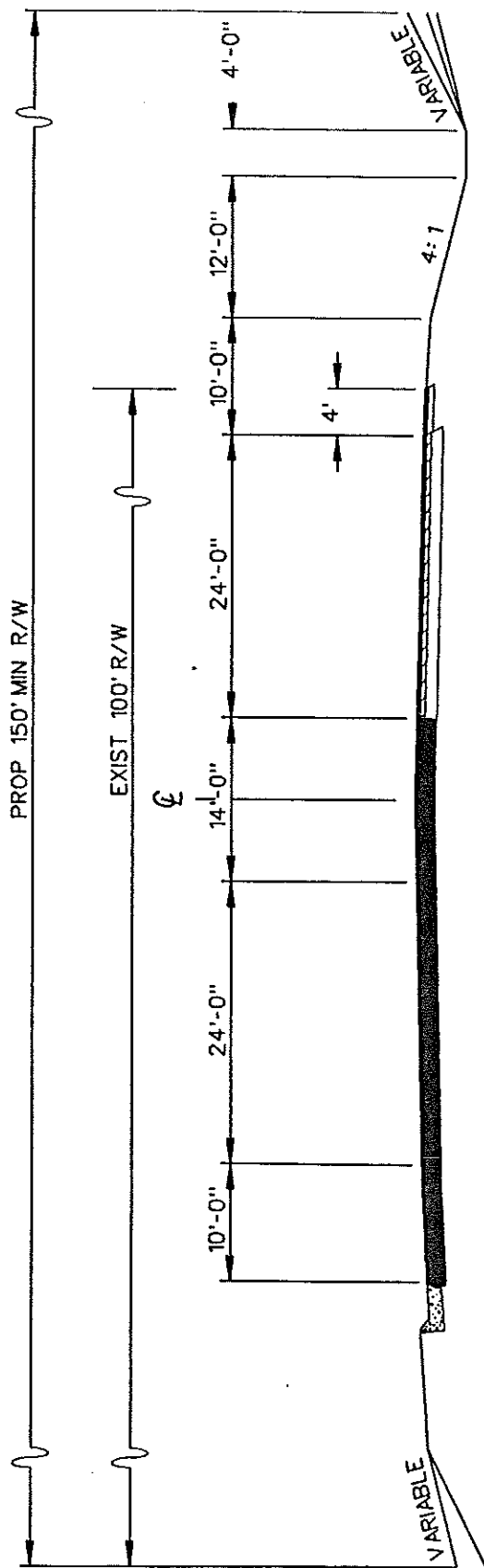
# TYPICAL CROSS SECTION

EDS-27(93), CHATTOOGA / WALKER COUNTIES

FROM CR-44 / COFFMAN SPRINGS RD

TO 0.2 MILE NORTH OF MOORE AVE IN LAFAYETTE

NOT TO SCALE



TYPICAL CROSS SECTION  
 EDS-27(93), CHATTOOGA / WALKER COUNTIES  
 FROM 0.2 MILE NORTH OF MOORE AVE  
 TO THE LAFAYETTE BYPASS  
 NOT TO SCALE

PRELIMINARY COST ESTIMATE

OFFICE OF ENVIRONMENT/LOCATION

P.I. NO: 621610

DATE: 08-17-1992

PROJECT NO: EDS-27(93)

PROJECT NAME: U.S. 27/S.R. 1 IMPROVEMENTS

COUNTY: CHATTOOGA/WALKER

PROJECT DESCRIPTION: FROM C.R. 331 IN TRION TO THE LAFAYETTE BYPASS

PROJECT LENGTH: 11.700 MILES

SECTION LENGTH: 8.800 MILES 44' MED  
2.90 MILES 5 LANE

TYPICAL SECTION:

RURAL WIDENING-2 TO 4 LANES WITH 44' DIV MEDIAN (48' PAV'T) 5 LANE

EXISTING ROADWAY (If Applicable): U.S. 27/S.R. 1

TRAFFIC:

INITIAL DESIGN YEAR: 1997

DAILY VOLUME (AADT): 12,600

FINAL DESIGN YEAR: 2017

DAILY VOLUME (AADT): 18,900

( ) FEASIBILITY STUDY ( ) PRE-PROGRAMMING PROCESS (X) PROGRAMMING PROCESS

COMMENTS: THIS ESTIMATE INCLUDES COST FOR A FIVE LANE RURAL SECTION FROM  
C.R. 331 IN TRION TO 0.3 MILE SOUTH OF C.R. 325 AND FROM C.R. 44 TO THE  
LAFAYETTE BYPASS.

PREPARED BY: JOHN QUARLES

## PROJECT COSTS

### A. RIGHT-OF-WAY

1. PROPERTY (Land and Easements)	\$ 273,000
2. DISPLACEMENTS	\$ 1,369,000
3. OTHER COST	\$ 976,000

SUBTOTAL \$ 2,618,000

### B. REIMBURSABLE UTILITIES

1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ <del>1,905,000</del> 2,677,000

SUBTOTAL \$ ~~1,905,000~~  
2,677,000

### C. MAJOR STRUCTURES

1. WALLS	\$ 0
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2. BRIDGE STREAM CROSSING	\$ <sup>1/4"</sup> 1,628,000
---------------------------	------------------------------

WIDEN BRIDGE @ CHATTOOGA RIVER & CANE CREEK ; NEW BRIDGE @ CANE CREEK

3. BRIDGE OVER/UNDERPASS	\$ 0
--------------------------	------

4. BOX CULVERTS	\$ <sup>1/4"</sup> 700,000
-----------------	----------------------------

LENGTH CULVERTS @ CHAPPEL CREEK (DBL TRIP 10X10); SPRING BRANCH (DBL BX6)  
ROCKY BRANCH (DBL BX8); DRY CREEK (DBL DBL 10X10)

SUBTOTAL \$ 2,328,000

### D. GRADING AND DRAINAGE

#### 1. EARTHWORK

a. UNCLASSIFIED EXCAVATION SOIL	\$ 1,000,000
500,000 CY @ \$2.00	
b. UNCLASSIFIED EXCAVATION ROCK	\$ 400,000
100,000 CY @ \$4.00	
c. BORROW EXCAVATION	\$ 0
0 CY @ \$3.00	

#### 2. DRAINAGE

a. MINOR DRAINAGE (INCLUDING CROSS DRAIN PIPES & LONGITUDINAL SYSTEM)	\$ 352,000
8.800 MILES @ \$39,960	
b. CURB AND GUTTER	\$ 0
0 LF @ \$7.68	

SUBTOTAL \$ 1,752,000

## PROJECT COSTS

con't.

### E. BASE AND PAVING

1. GRADED AGGREGATE BASE	\$ 1,023,000
10.00" -- 96,645 T @ \$10.59	
2. ASPHALT PAVING	1,026,000
a. ASPHALTIC CONCRETE "E" <sup>32</sup>	\$ <del>783,000</del>
1.50" -- 32,060 T @ \$24.42	
b. ASPHALTIC CONCRETE "B" <sup>32</sup>	1,368,000
2.00" -- 42,747 T @ \$26.16	\$ <del>1,118,000</del>
c. ASPHALTIC CONCRETE BASE	\$ 1,484,000
8.00" -- 56,996 T @ \$26.03	
d. BITUMINOUS TACK COAT	\$ 20,000
29,582 G @ \$0.68	
3. CONCRETE PAVING	\$ 0
4. OTHER PAVING RECONSTRUCT EXISTING ROADWAY @ 3.50 MILES	\$ 4,943,000
RELOCATE ALABAMA RD, WILLIAM TAFT HWY	9,864,000
SUBTOTAL	\$ <del>9,371,000</del>

### F. LUMP ITEMS

1. TRAFFIC CONTROL	\$ 106,000
2. CLEARING AND GRUBBING	\$ 501,000
107 ACRES @ \$4,700	
3. LANDSCAPING	\$ 158,000
8,800 MILES @ \$18,000	
4. EROSION CONTROL	\$ 211,000
8,800 MILES @ \$24,000	
5. DETOURS (INCL. TEMP. BRIDGES)	\$ 0
SUBTOTAL	978,000 \$ <del>976,000</del>

### G. MISCELLANEOUS

1. SIGNING/STRIPING	\$ 264,000
8,800 MILES @ \$30,000	
2. GUARDRAIL	\$ 78,000
5,000 LF @ \$9.46 + 40 Anchors @ \$773.13	
3. OTHER	\$ 309,000
8,800 MILES @ \$35,100	
SUBTOTAL	\$ 651,000

### H. SPECIAL FEATURES

5 LANE SECTION @ 2.90 MILES	\$ 4,350,000
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## ESTIMATE SUMMARY

SECTION COST  
(per mile)

A. RIGHT-OF-WAY.....	\$ 2,618,000	\$ 298,000
B. REIMBURSABLE UTILITIES.....	<del>\$ 1,505,000</del> \$ 2,617,000	<del>\$ 218,000</del>

### CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES.....	\$ 2,328,000	
D. GRADING AND DRAINAGE.....	\$ 1,752,000	
E. BASE AND PAVING.....	<i>9,864,000</i> <del>9,371,000</del>	
F. LUMP ITEMS.....	<i>978,000</i> <del>976,000</del>	
G. MISCELLANEOUS.....	\$ 651,000	
H. SPECIAL FEATURES.....	\$ 4,350,000	
	<i>19,923,000</i>	
SUBTOTAL CONSTRUCTION COST.....	<i>19,921,000</i> <del>19,428,000</del>	\$ 2,208,000
E. & C. (10%).....	\$ 1,943,000	
INFLATION... <u>2 yr(s) @ 5% per year</u>	\$ 2,191,000	
TOTAL CONSTRUCTION COST.....	\$ 23,562,000	\$ 2,678,000

GRAND TOTAL CONSTRUCTION COST \$ ~~28,083,000~~ \$ ~~3,171,000~~  
*\$28,857,000 ←*

RURAL WIDENING-2 TO 4 LANES WITH 44' DIV MEDIAN (48' PAV'T)

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-27(93), Chattooga/Walker  
P.I. No. 621610  
U.S. 27/S.R. 1 Improvements  
OFFICE Environment/Location  
DATE August 4, 1992

FROM John D. Quarles, T.E. II

TO See Distribution

SUBJECT Concept Team Meeting Minutes

A team meeting for the U.S. 27/S.R. 1 Improvements was held on July 23, 1992 at 10:30 a.m. at the Office of Environment/Location. In attendance were:

Johnny Quarles, Fred Matheny, Jerry Hobbs, Tom Queen, Bascombe Hughes - Environment/Location; Del Clippard, Bayne Smith - Traffic & Safety; Neal Florence - Mayor of Lafayette; Bill McVey - Preconstruction/Cartersville; Ray Metts - Road Design; Jenny Richardson - Right-of-Way; Terry Rogers - Preconstruction/G.O.; Reba Scott - Programming.

The following describes the concept shown at the meeting.

Project EDS-27(93), Chattooga/Walker would consist of the widening and reconstruction of U.S. 27/S.R. 1 from the existing five-lane section at C.R. 331/Center Avenue in Trion to the Lafayette Bypass for a distance of 11.70 miles.

The existing two-lane roadway would be widened to a rural five-lane facility, two 12-foot lanes in each direction with a 14-foot wide flush median from C.R. 331/Center Avenue to 0.3 mile south of C.R. 325/Mountain View Road and from C.R. 44/Coffman Springs Road to the Lafayette Bypass. A rural four-lane divided section, two 12-foot lanes in each direction with a 44-foot wide grassed median is proposed from 0.3 mile south of C.R. 325/Mountain View Road to C.R. 44/Coffman Springs Road from C.R. 331/Center Avenue in Trion, the widening of U.S. 27/S.R. 1 would be symmetrical to 0.3 mile south of C.R. 325/Mountain View Road. The widening would then shift to the east and continue to C.R. 325. From there, the widening would shift to the west and continue to a point 0.2 mile north of C.R. 1. The widening would then shift back to the east and continue to C.R. 44/Coffman Springs Road. From C.R. 44/Coffman Springs Road, the widening would be symmetrical to 0.2 mile north of Moore Avenue in Lafayette. From there, the widening would then shift to the east side and continue to the Lafayette Bypass.

Comments were as follows:

Local Official

Mayor Florence inquired about the proposed project let date. It was mentioned that the project is programmed for FY 95. The Mayor also inquired about utility conflicts along this project. He mentioned problems in relocating utilities along S.R. 136.

District

Bill McVey indicated that the U.S. 27 Corridor has a high priority.

Design

Ray Metts mentioned that detours would be required at the areas of reconstruction along the proposed five-lane section north of S.R. 337. It was mentioned that the required cut would be less than five feet where reconstruction is required along the five-lane section.

Rights-of-Way

No Comments

Traffic & Safety

Del Clippard inquired about the projected traffic. It was mentioned that projected traffic volumes (2017) varies from 8,500 to 18,900 ADT.

Environmental

Tom Queen indicated that this project would require an environmental assessment. It was also mentioned that there are two (2) potentially historic properties along the project corridor.

Location

Bascombe Hughes indicated that the project would be flown for mapping in March 1993 and mapping would begin in September 1993.

The meeting was adjourned at 10:55 a.m.

JDQ/cdm

Distribution: Wayne Hutto  
Ronald Collins/Attn: Melvin Collins  
Herman Griffin  
George Boulineau  
Roland Hinners  
Paul Liles  
Ronald Colvin  
Robert Humphrey  
Dudley Ellis  
Don Welch  
Toni Dunagan  
Ron Brown  
Wink Kirk  
Felton Rutledge



WAYNE SHACKELFORD  
COMMISSIONER

G. CHARLES LEWIS  
STATE HIGHWAY ENGINEER

*Department of Transportation*  
*State of Georgia*  
*#2 Capitol Square, S.W.*  
*Atlanta, Georgia 30334-1002*

March 23, 1992

ORIGINAL  
GENERAL FILES



DAIG C. BRACK  
DEPUTY COMMISSIONER

ARTHUR A. VAUGHN  
TREASURER

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the County of WALKER agrees to provide or perform the following at no cost to the Georgia D.O.T. for project EDS-27(93), PI # 621610, WALKER County:

SR 1 - WIDEN & RECONSTRUCT  
SR 1/US 27 FM SUMMERVILLE BYP TO LAFAYETTE BYP/& CHATTOOGA

[ ] Provide all rights-of-way and/or easements needed for the construction of project and remove existing structures or obstructions within the rights-of-way.

[X] Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

[X] Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

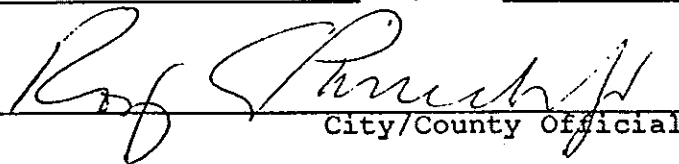
[ ] Furnish any detours needed during construction.

Walker County has no funds to relocate any privately owned utilities. We will, however, be happy to work with any utility needing technical assistance or cooperative efforts from our county to cause the this project to be accomplished.

NOTE: A SIMILAR AGREEMENT HAS BEEN SENT TO THE CITY OF LAFAYETTE.

This 28th day of April, 19 92

APPROVED

  
City/County Official





Be... ORIGINAL  
GENERAL FILES

WAYNE SHACKELFORD  
COMMISSIONER

G. CHARLES LEWIS  
STATE HIGHWAY ENGINEER

# Department of Transportation

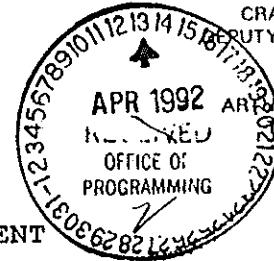
State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

March 23, 1992

## LOCAL GOVERNMENT PROJECT AGREEMENT



CRAIG C. BRACK  
DEPUTY COMMISSIONER

ARTHUR A. VAUGHN  
TREASURER

In consideration of the proposed improvements, the County of CHATTOOGA agrees to provide or perform the following at no cost to the Georgia D.O.T. for project EDS-27(93), PI # 621610, WALKER County:

SR 1 - WIDEN & RECONSTRUCT  
SR 1/US 27 FM SUMMERVILLE BYP TO LAFAYETTE BYP/& CHATTOOGA

[ ] Provide all rights-of-way and/or easements needed for the construction of project and remove existing structures or obstructions within the rights-of-way.

[X] Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

[X] Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

[ ] Furnish any detours needed during construction.

NOTE: A SIMILAR AGREEMENT HAS BEEN SENT TO THE CITY OF TRION.

This 9th day of April, 19 92

APPROVED Jim Parker  
City/County Official





## Department of Transportation

State of Georgia

District Six

Cartersville, Georgia 30120-0010

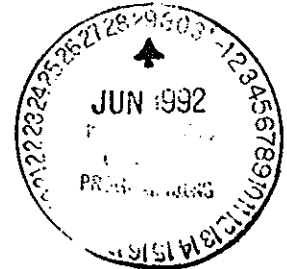
June 23, 1992

Honorable Allen Plunkett, Mayor  
City of Trion  
Trion City Hall  
Trion, Georgia 30753

Dear Sir:

Subject: Local Government Project Agreement:

EDS-27(93) Walker County  
P.I. No. 621610



According to our records, you were sent a Local Government Project Agreement covering the above project. At that time you were requested to indicate your support of this project by executing the agreement. As of this date the department has not received a response from you and this delay is causing problems in resolving utility, right of way and railroad agreements on this proposed highway project.

In order to meet the scheduled letting date on this project, we need a response from you on your position regarding the Local Government Project Agreement.

We are available to answer any questions or assist you concerning any problems on this project.

Yours very truly,

Felton D. Rutledge  
District Engineer

By: William H. McVey  
PreConstruction Engineer  
District Six

FDR:WHM:pgd

cc: Herman Griffin



*Department of Transportation*  
*State of Georgia*  
*#2 Capitol Square, S.W.*  
*Atlanta, Georgia 30334-1002*

WAYNE SHACKELFORD  
COMMISSIONER

G. CHARLES LEWIS  
STATE HIGHWAY ENGINEER

CRAIG C. BRACK  
DEPUTY COMMISSIONER

ARTHUR A. VAUGHN  
TREASURER

March 23, 1992

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, the City of TRION agrees to provide or perform the following at no cost to the Georgia D.O.T. for project EDS-27(93), PI # 621610, WALKER County:

SR 1 - WIDEN & RECONSTRUCT  
SR 1/US 27 FM SUMMERVILLE BYP TO LAFAYETTE BYP/& CHATTOOGA

[ ] Provide all rights-of-way and/or easements needed for the construction of project and remove existing structures or obstructions within the rights-of-way.

[X] Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

[ ] Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

[ ] Furnish any detours needed during construction.

NOTE: A SIMILAR AGREEMENT HAS BEEN SENT TO CHATTOOGA COUNTY.

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

APPROVED \_\_\_\_\_  
City/County Official



